

Datasheet for ABIN2666404

anti-NR4A1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NR4A1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NR4A1 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	1E10A15
Isotype:	IgG2b kappa

Target Details

Target:	NR4A1
Alternative Name:	Nur77 (NR4A1 Products)
Background:	Nur77, a transcription factor belonging to a superfamily of orphan nuclear receptors, has been shown to activate a subset of genes containing NGFI-B response element (NBRE). Nur77 expression is upregulated in response to stimuli of numerous growth factors, mitogens, and inflammatory substances, indicating that Nur77 has regulatory roles in cell growth and inflammation. Nur77 has also been shown to participate in programmed cell death through mitochondrial targeting and interaction with Bcl-2. In the endocrine system, Nur77 has been

Target Details

reported to participate in regulating production of steroidogenic enzymes. Nur77 and NOR-1 double knockout mice develop acute myeloid leukemia, suggesting that Nur77 plays a role in regulating differentiation of myeloid progenitor cells.

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Nuclear Receptor Transcription Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: phosphate-buffered solution, pH 7.2, containing 0.05 % sodium azide.

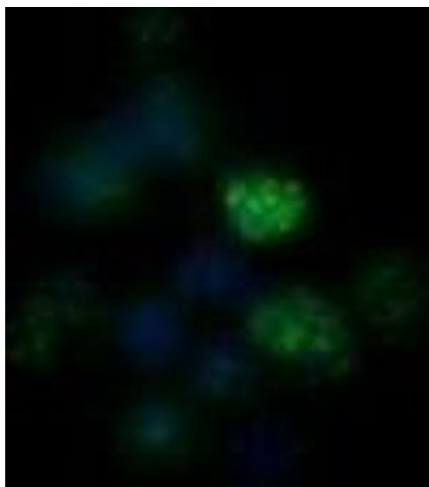
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

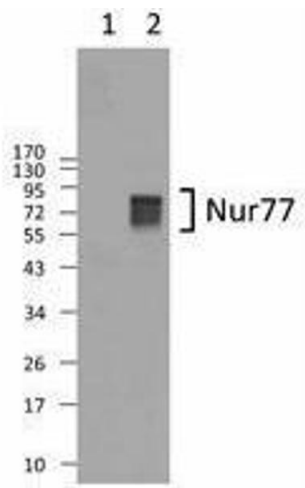
Storage Comment: Upon receipt, store undiluted between 2°C and 8°C.

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.